

1. (currently amended) An apparatus for packaging an energy storage capacitor adapted for use with an ~~electronic instrument~~ external defibrillator, ~~the energy storage capacitor having a wound core, the wound core adapted for electrical connection to capacitor interface electronics associated with the electronic instrument~~, the apparatus comprising:

a wound core disposed in a first region of an interior housing and adapted for electrical connection to capacitor interface electronics of the external defibrillator, the wound core being arranged in such a manner that a void for receiving potting material is positioned between the wound core and a side surface of the interior housing, and a conductive path adapted to electrically connect the wound core and the capacitor interface electronics which is arrangeable between the wound core and a second region of the interior housing;

an interior housing surface having ~~a~~ the first region and a second region, the first region sized to receive the wound core and ~~a~~ the potting material, and having a cavity defined by ~~a~~ the side surface, a closed first end, and an at least partially open second end, the second region sized to receive the capacitor interface electronics; and

an exterior housing surface arrangeable to at least in part surround the interior housing surface,--

~~wherein when the wound core is disposed in the first region, the wound core is arranged in such a manner that a void for receiving the potting material is positioned between the wound core and the side surface, and a conductive path adapted to electrically connect the wound core and the capacitor interface electronics is arrangeable between the wound core and the second region.~~

2. (currently amended) The apparatus according to claim 1, further comprising:
~~a wound core disposed in the first region, arranged in such a manner that a void for receiving the potting material is positioned between the wound core and the side surface; and~~
a potting material substantially filling the void.

3. (previously presented) The apparatus according to claim 2, wherein the potting material comprises one of oil and epoxy.

4. (previously presented) The apparatus according to claim 1, wherein the interior and exterior housing surfaces comprise a molded plastic housing.
5. (previously presented) The apparatus according to claim 1, wherein the interior and exterior housing surfaces comprise a plurality of interconnected parts.
6. (previously presented) The apparatus according to claim 1, wherein the capacitor interface electronics comprise a circuit board.
7. (canceled)
8. (original) The apparatus according to claim 1, wherein the side surface comprises one of an oval surface, a circular surface and a box-like surface.
9. (currently amended) A method for packaging ~~an~~the energy storage capacitor of Claim 1, the energy storage capacitor having ~~a~~the wound core adapted for communication with capacitor interface electronics associated with ~~an electronic instrument~~the external defibrillator, the method comprising:
providing ~~an~~the interior housing surface having ~~a~~the first region and ~~a~~the second region, the first region having a cavity defined by ~~a~~the side surface, ~~a~~the closed first end, and ~~an~~the at least partially open second end, the second region sized to receive the capacitor interface electronics;
arranging the wound core in the first region in such a manner that ~~a~~the void for receiving the potting material is positioned between the wound core and the side surface, and the wound core is positioned for communication with the capacitor interface electronics, when the capacitor interface electronics are disposed in the second region; and
depositing the potting material into the void.
10. (previously presented) The method according to claim 9, further comprising:
disposing the capacitor interface electronics in the second region; and

establishing electrical communication between the wound core and the capacitor interface electronics.

11. (previously presented) The method according to claim 9, wherein the capacitor interface electronics comprise a circuit board.

12. (previously presented) The method according to claim 9, wherein the potting material comprises one of oil and epoxy.

13. (previously presented) The method according to claim 9, wherein the interior housing surface comprises a molded plastic housing.

14. (previously presented) The method according to claim 9, wherein the interior housing surface comprises a plurality of interconnected plastic parts.

15. (canceled)

16. (original) The method according to claim 9, wherein the side surface comprises one of an oval surface, a circular surface and a box-like surface.

17. (currently amended) An ~~electronic instrument~~ external defibrillator, comprising:

a housing comprising:

a first interior region and a second interior region, the first interior region defining a first cavity and having a having a configuration defined by a side surface, a closed first end and an at least partially open second end, the second interior region defining a second cavity;

a wound capacitor core arranged in the first interior region in such a manner that a void is positioned between the wound capacitor core and the side surface;

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~~means for an electrical path~~ for conductively connecting the wound capacitor core and the second interior region;

a potting material disposed in the void; and

a capacitor interface disposed in the second interior region, the capacitor interface in communication with the wound capacitor core via the ~~means for conductively connecting~~
(16) ~~the wound capacitor core and the second interior region~~ electrical path.

18. - 20. (canceled)